

Fig. 1

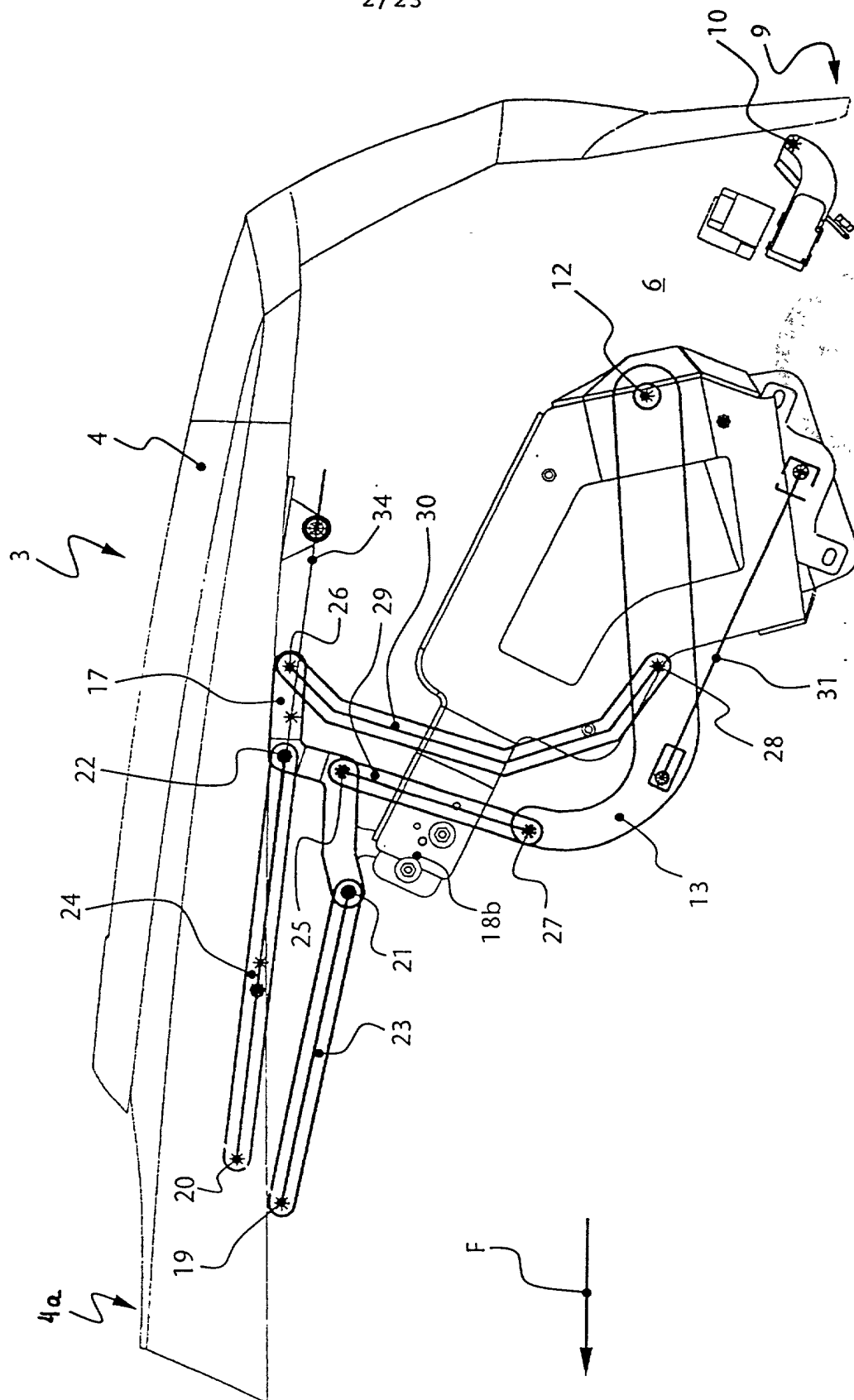
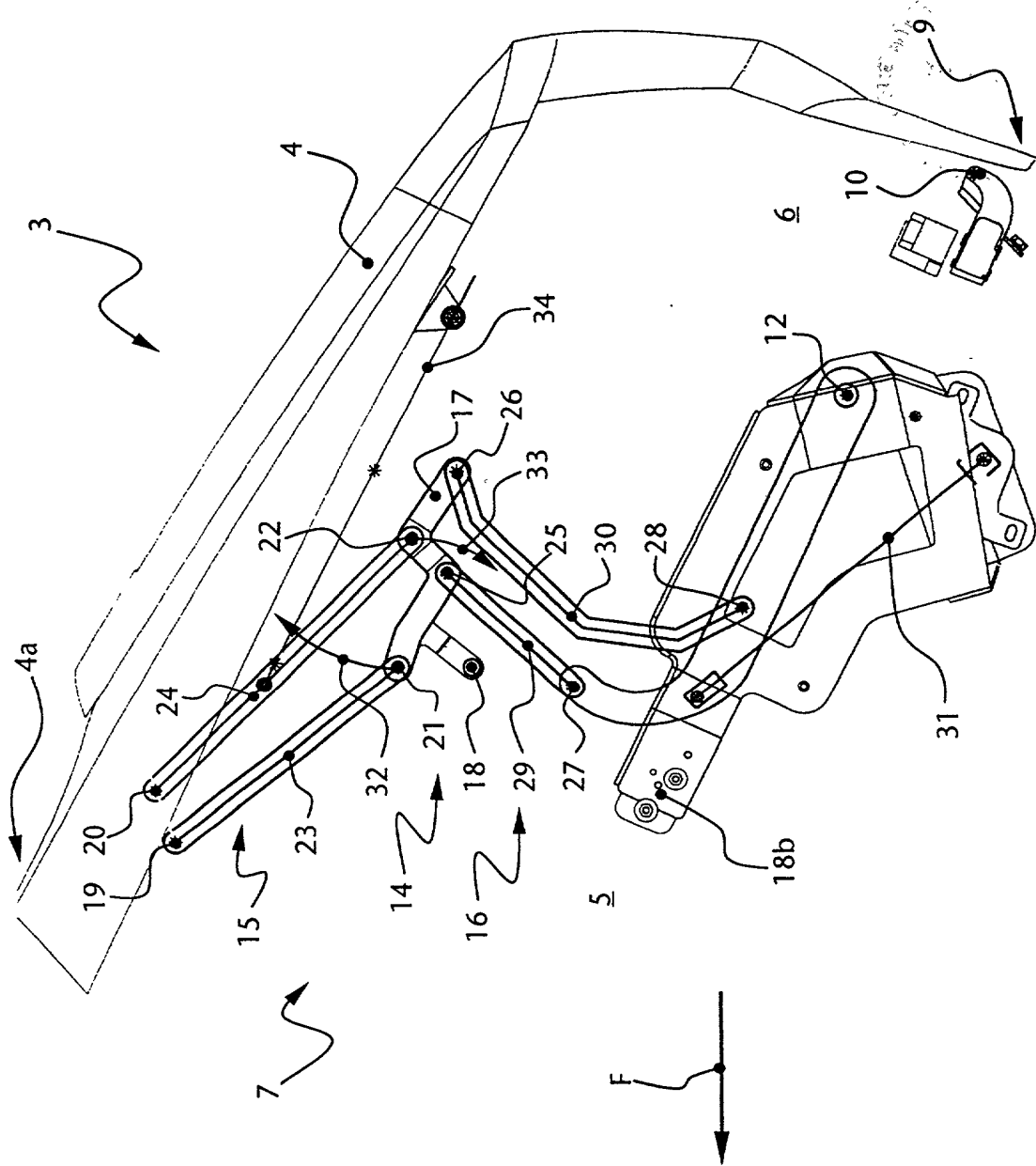


Fig. 2

Fig. 3



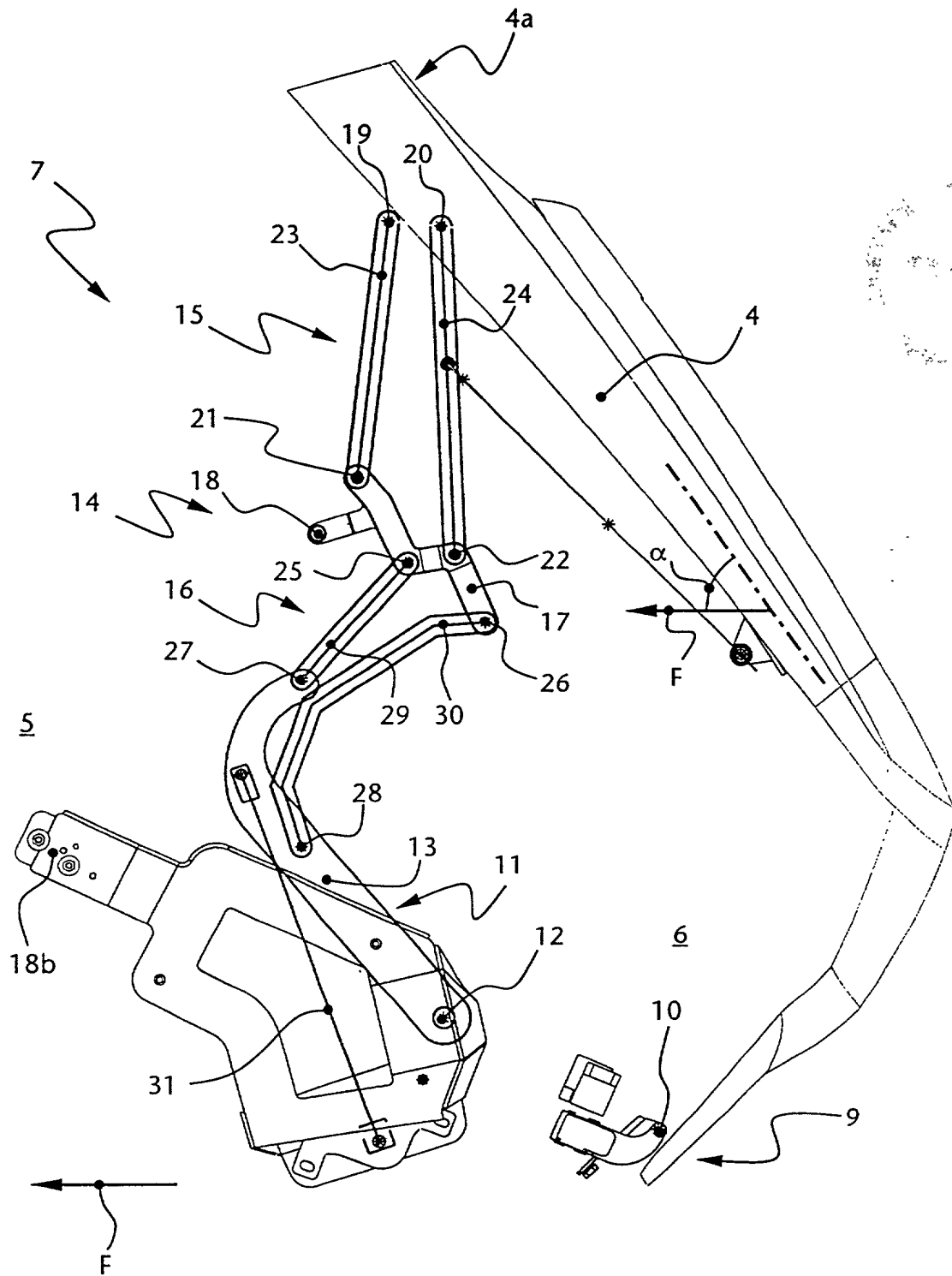


Fig. 4



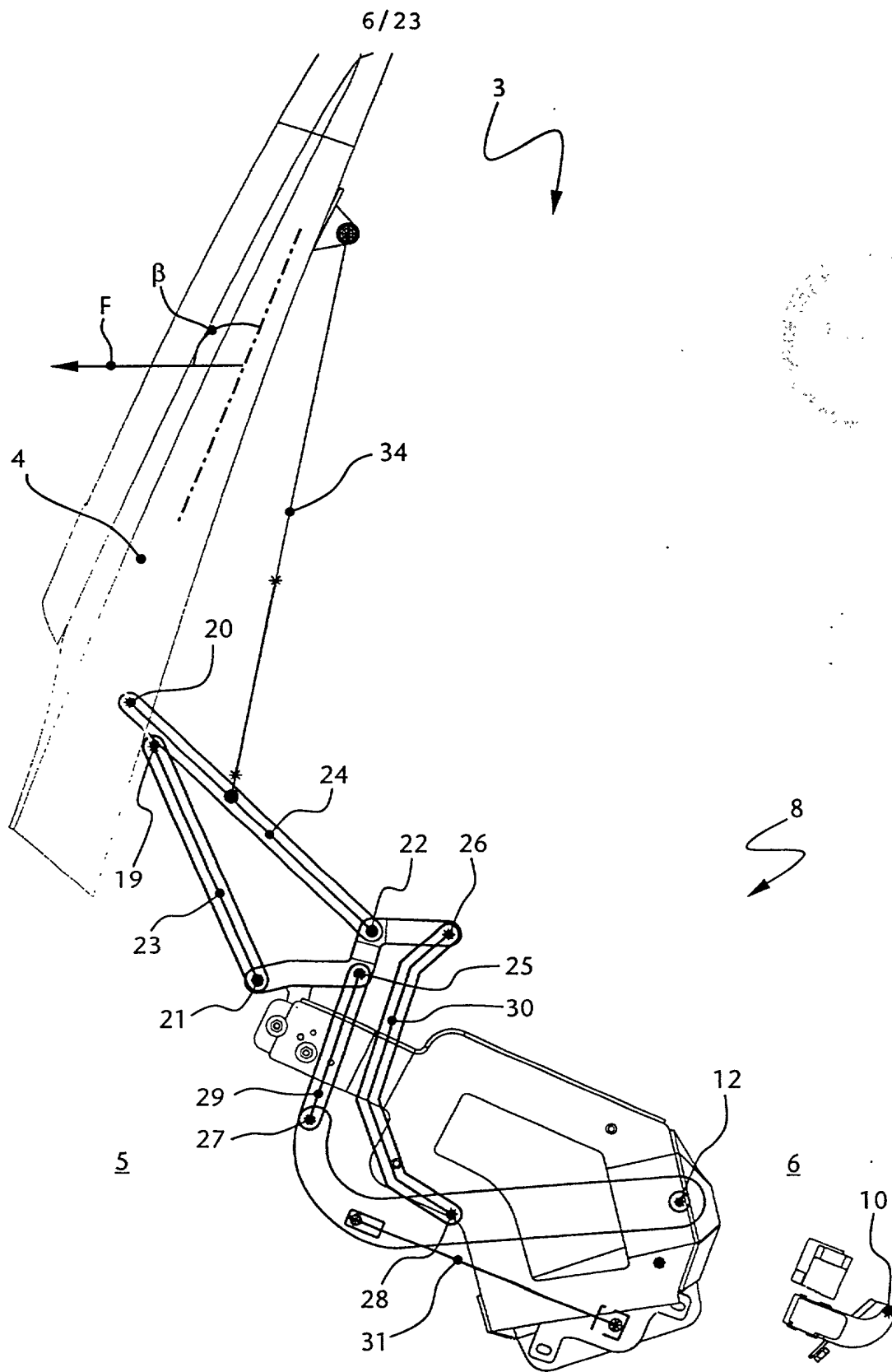


Fig. 6

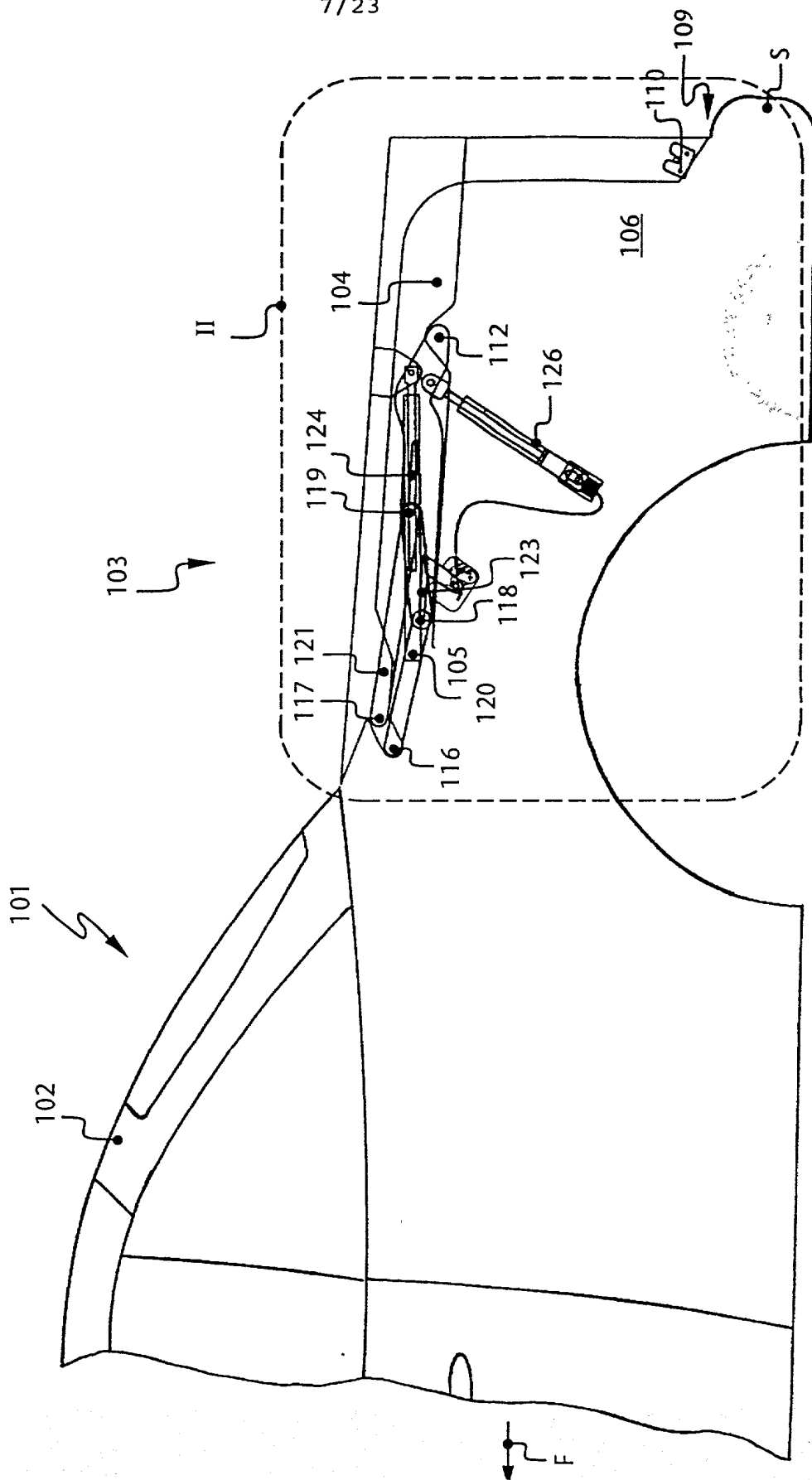


Fig. 7

FIG. 8 is a schematic diagram of a mechanical system 103, showing a force F applied to a lever 105, which is pivoted at 115. The lever 105 is connected to a series of links 116, 117, 121, 122, 124, 129, 130, 114, 112, 126, 127, 125, 128, 118, 123, 119, 113, 111, 106, 109, 110. The system is shown in a state of equilibrium.

103

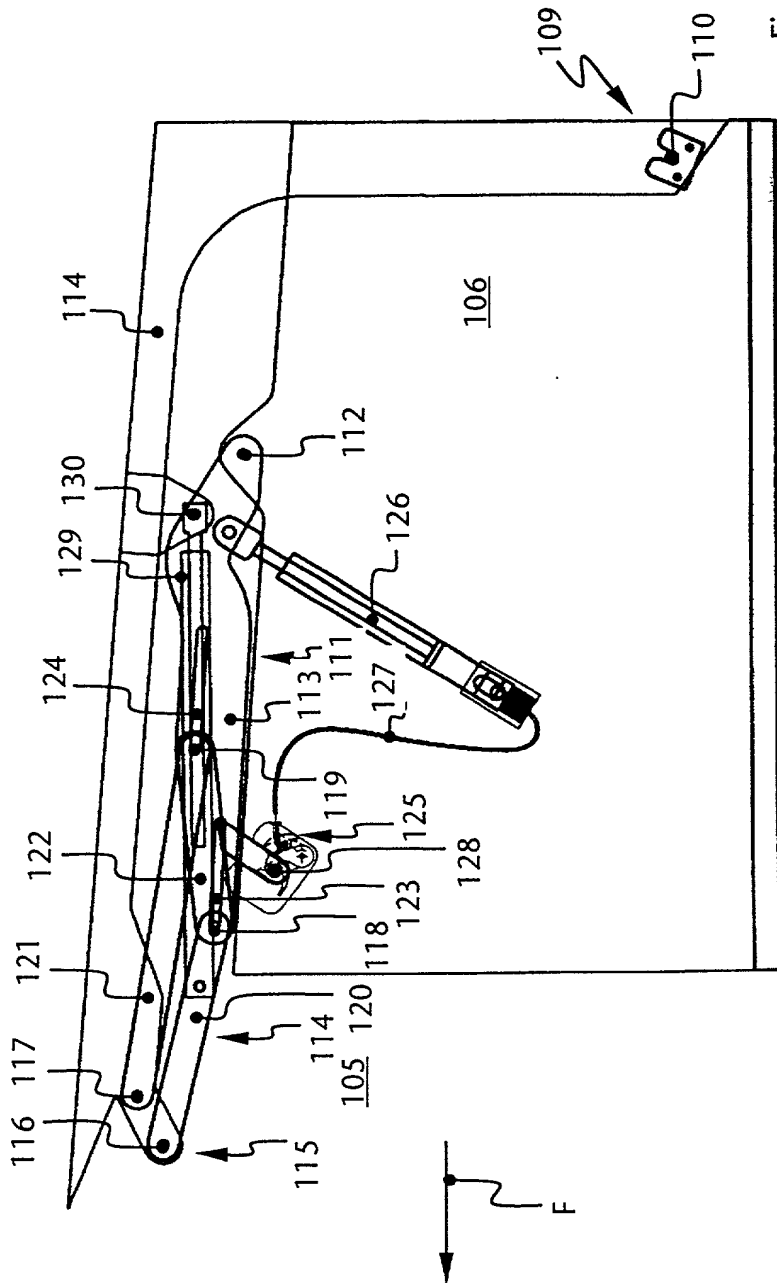


Fig. 8



Fig. 9

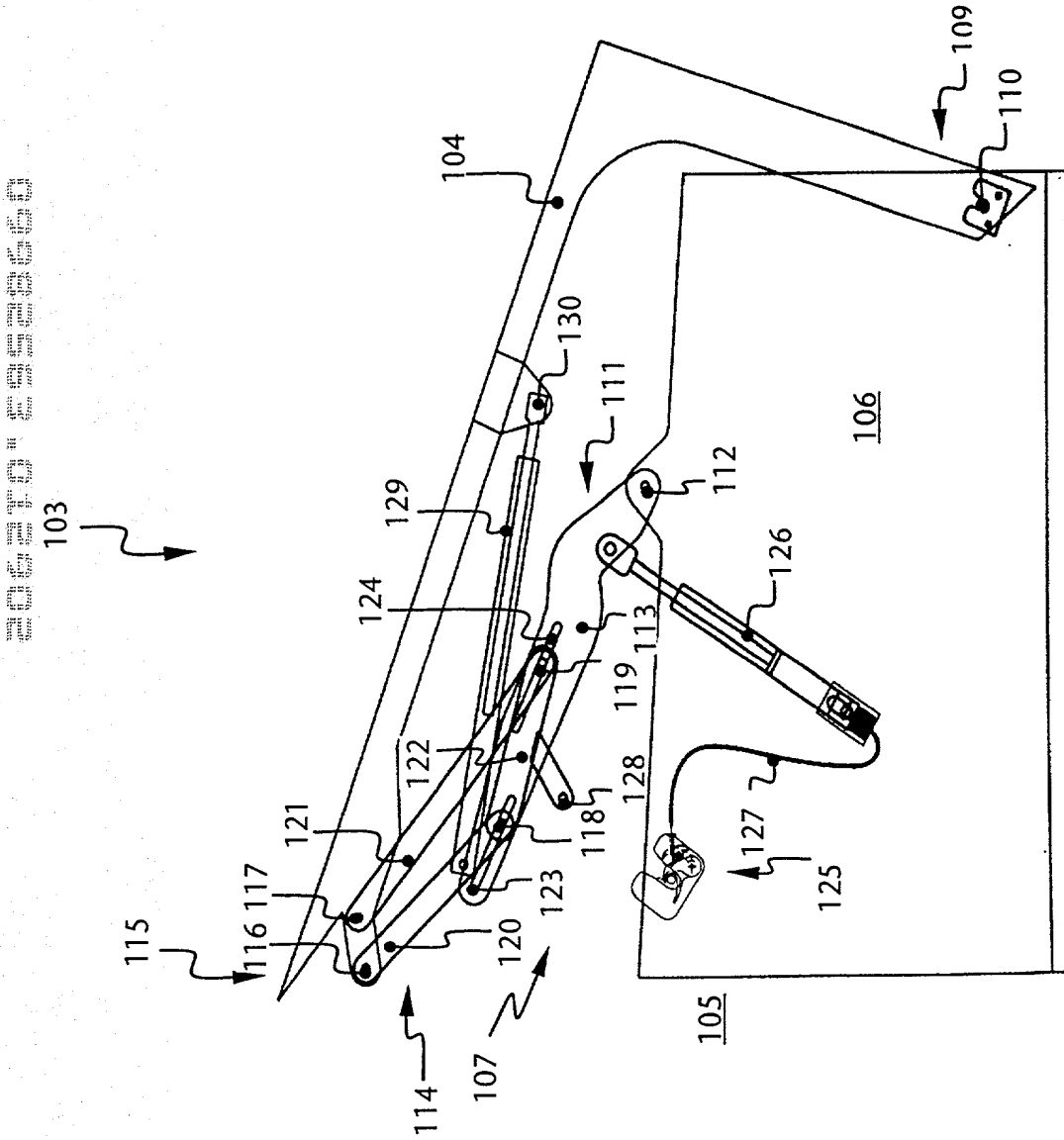




FIG. 11 is a schematic diagram of a mechanical assembly, showing a base 106, a lever 103, and various components including a spring 104, a pivot 105, and a handle 108. The diagram illustrates the internal mechanism of the assembly, including various linkages and joints.

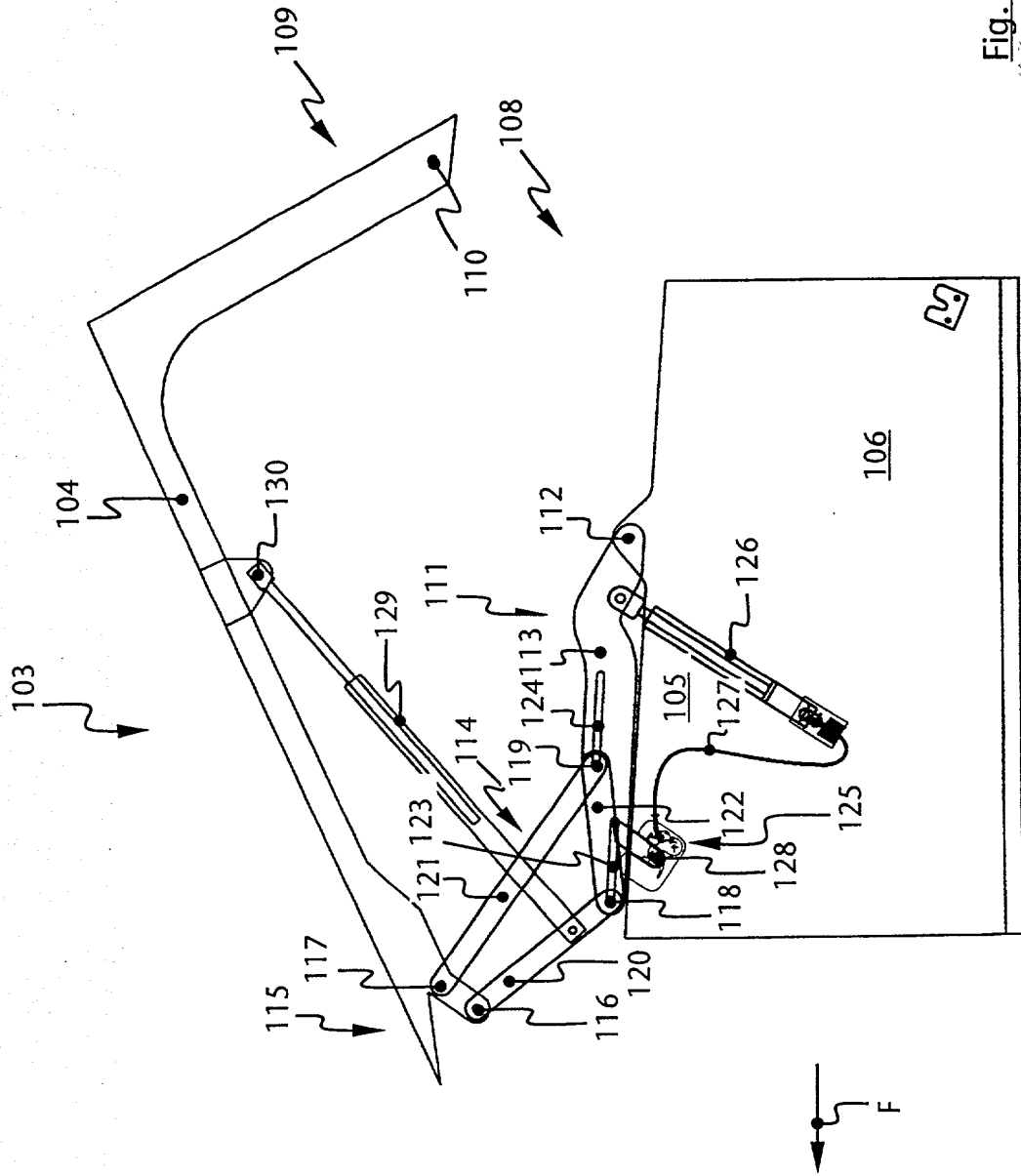


Fig. 11

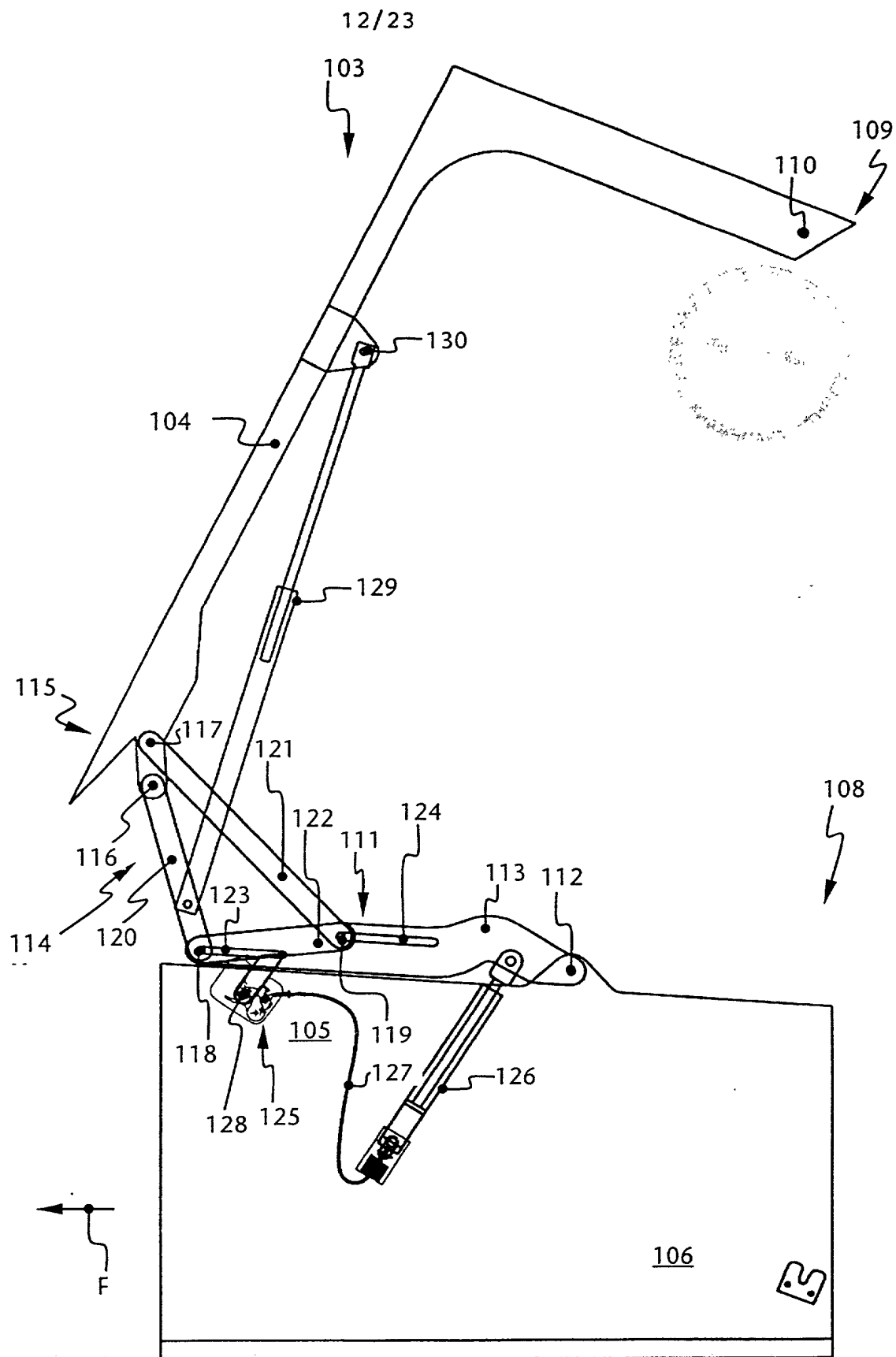


Fig. 12

FIG. 13 is a schematic diagram of a system 100 for monitoring a structure 106. The system 100 includes a sensor 103, a controller 104, and a display 105. The sensor 103 is connected to the controller 104, which is connected to the display 105. The sensor 103 is positioned to monitor the structure 106. The controller 104 is configured to receive data from the sensor 103 and to control the display 105. The display 105 is configured to display data received from the controller 104. The system 100 is configured to monitor the structure 106 for changes in its position or shape. The sensor 103 is configured to detect changes in the position or shape of the structure 106. The controller 104 is configured to process the data received from the sensor 103 and to generate a signal to the display 105. The display 105 is configured to display the signal received from the controller 104. The system 100 is configured to monitor the structure 106 for changes in its position or shape. The sensor 103 is configured to detect changes in the position or shape of the structure 106. The controller 104 is configured to process the data received from the sensor 103 and to generate a signal to the display 105. The display 105 is configured to display the signal received from the controller 104.

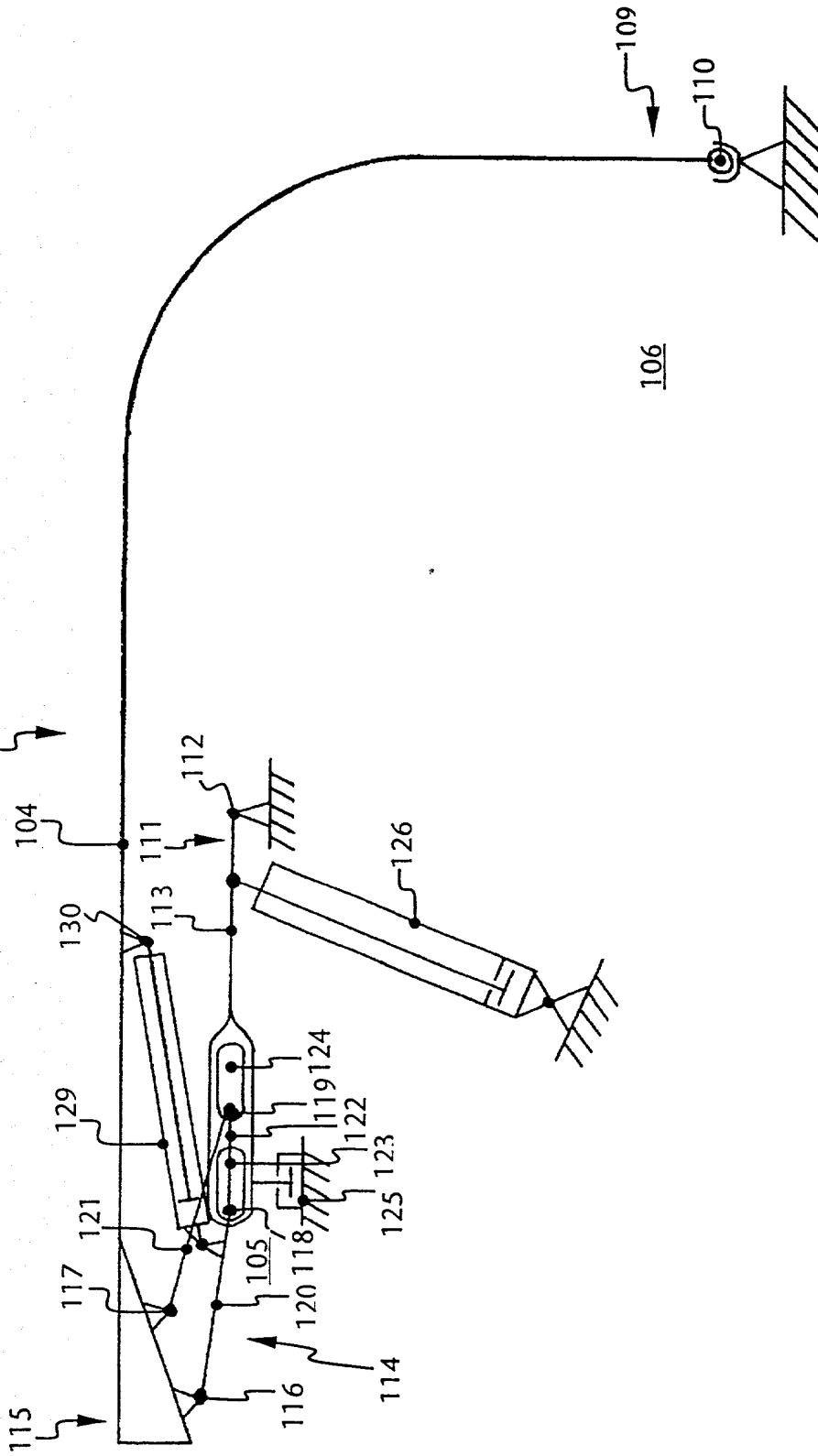
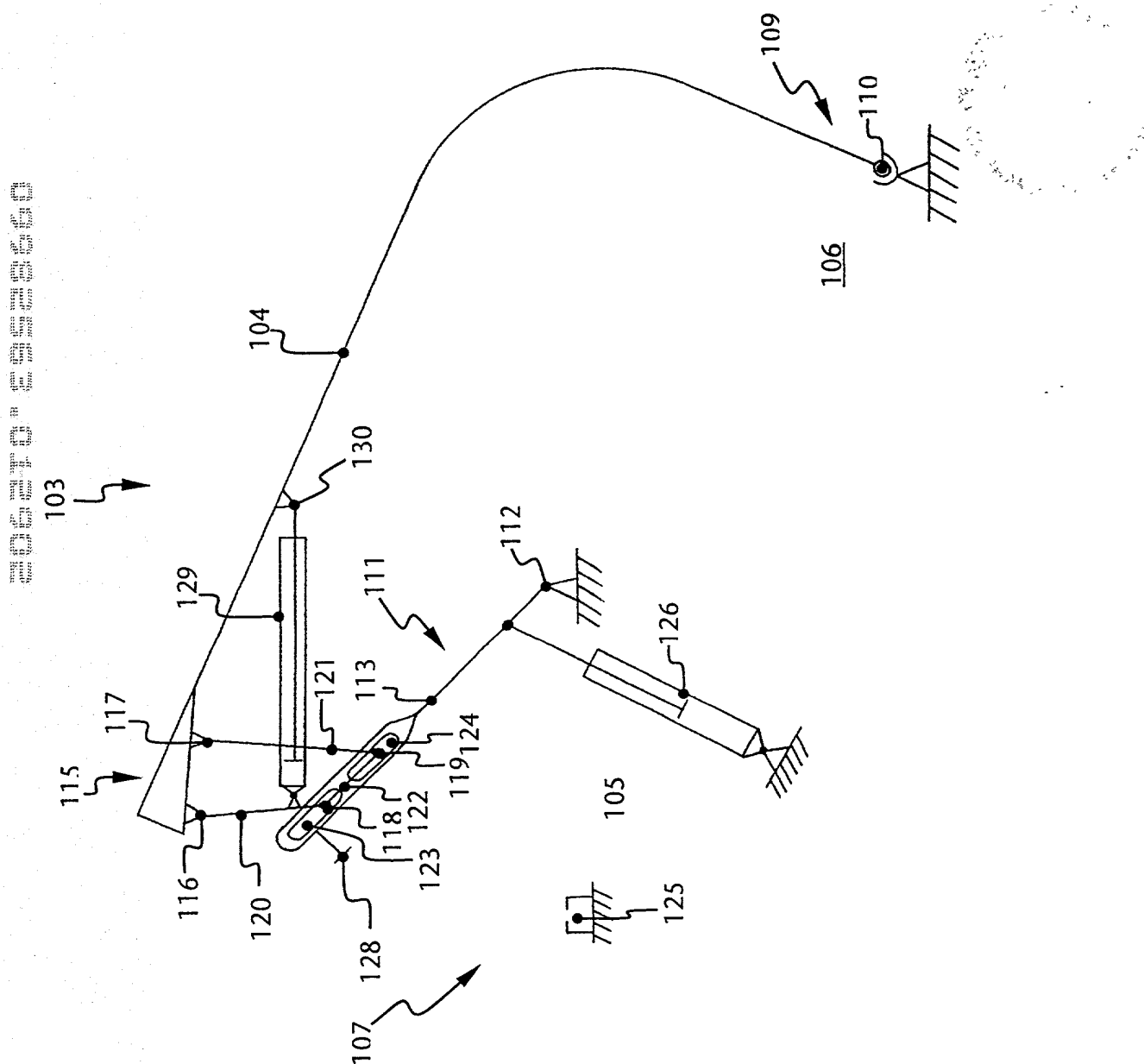


Fig. 13

Fig. 14



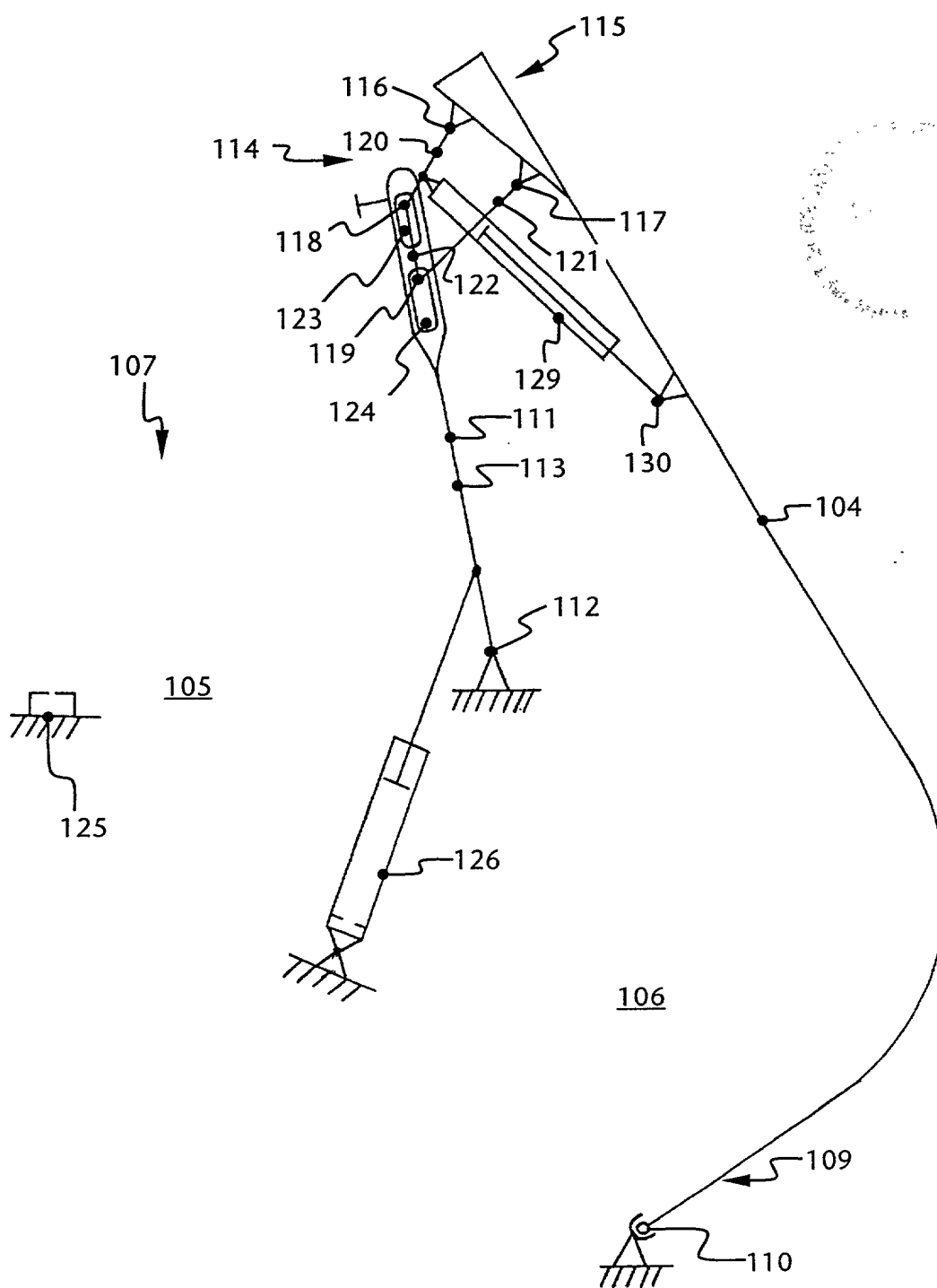


Fig. 15

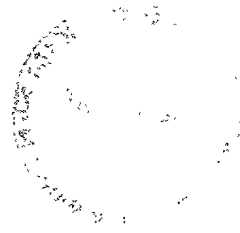


Fig. 16



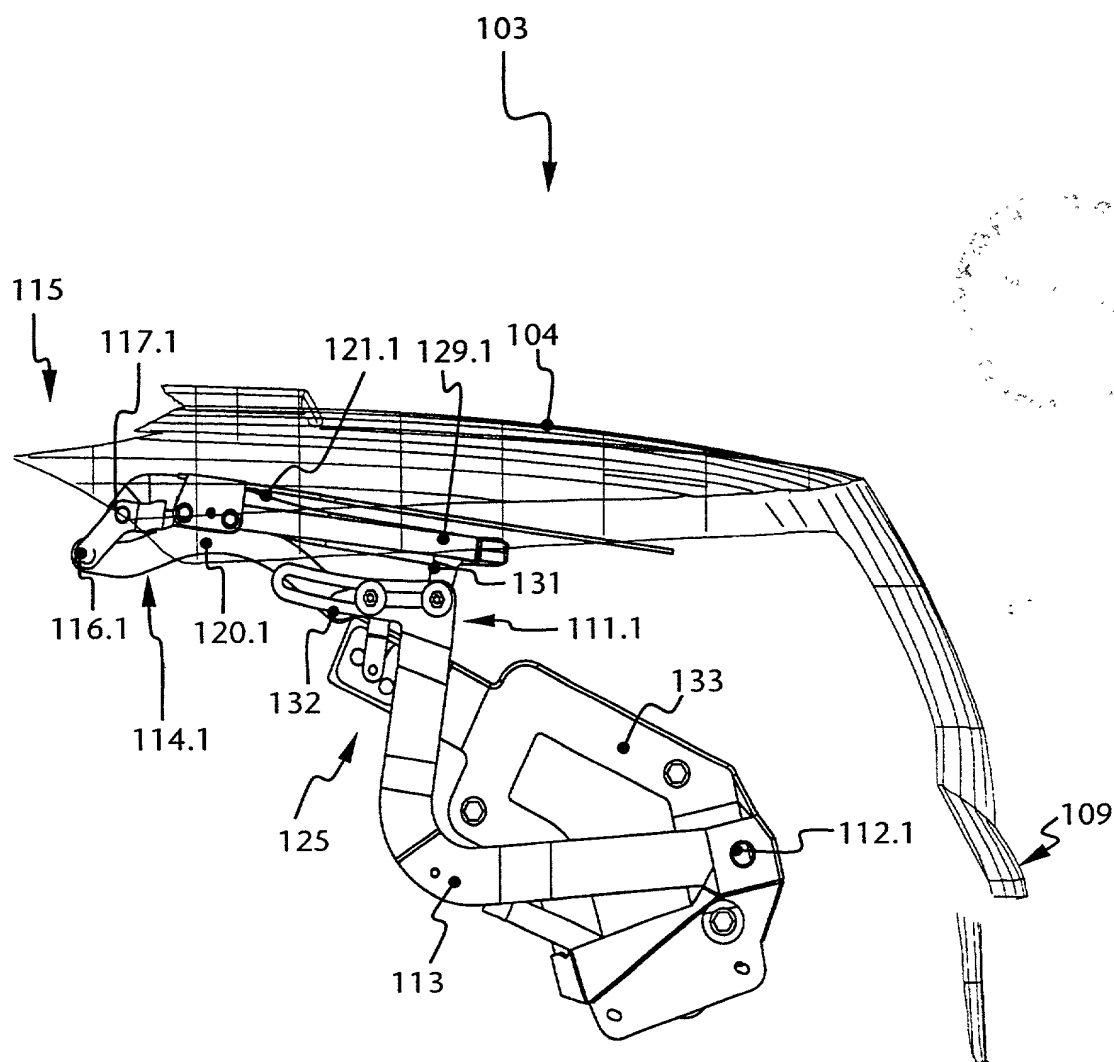


Fig. 17

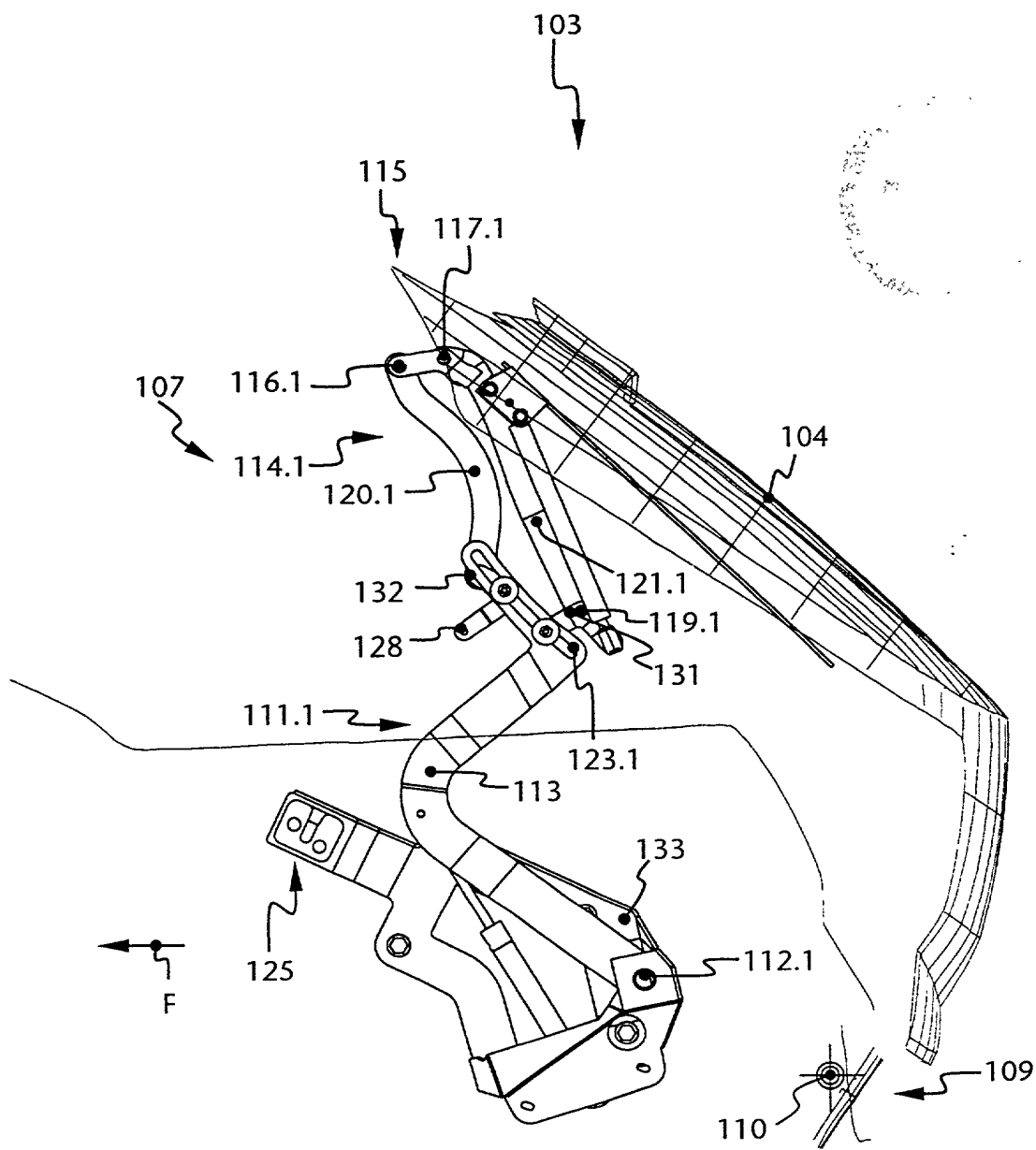


Fig. 18

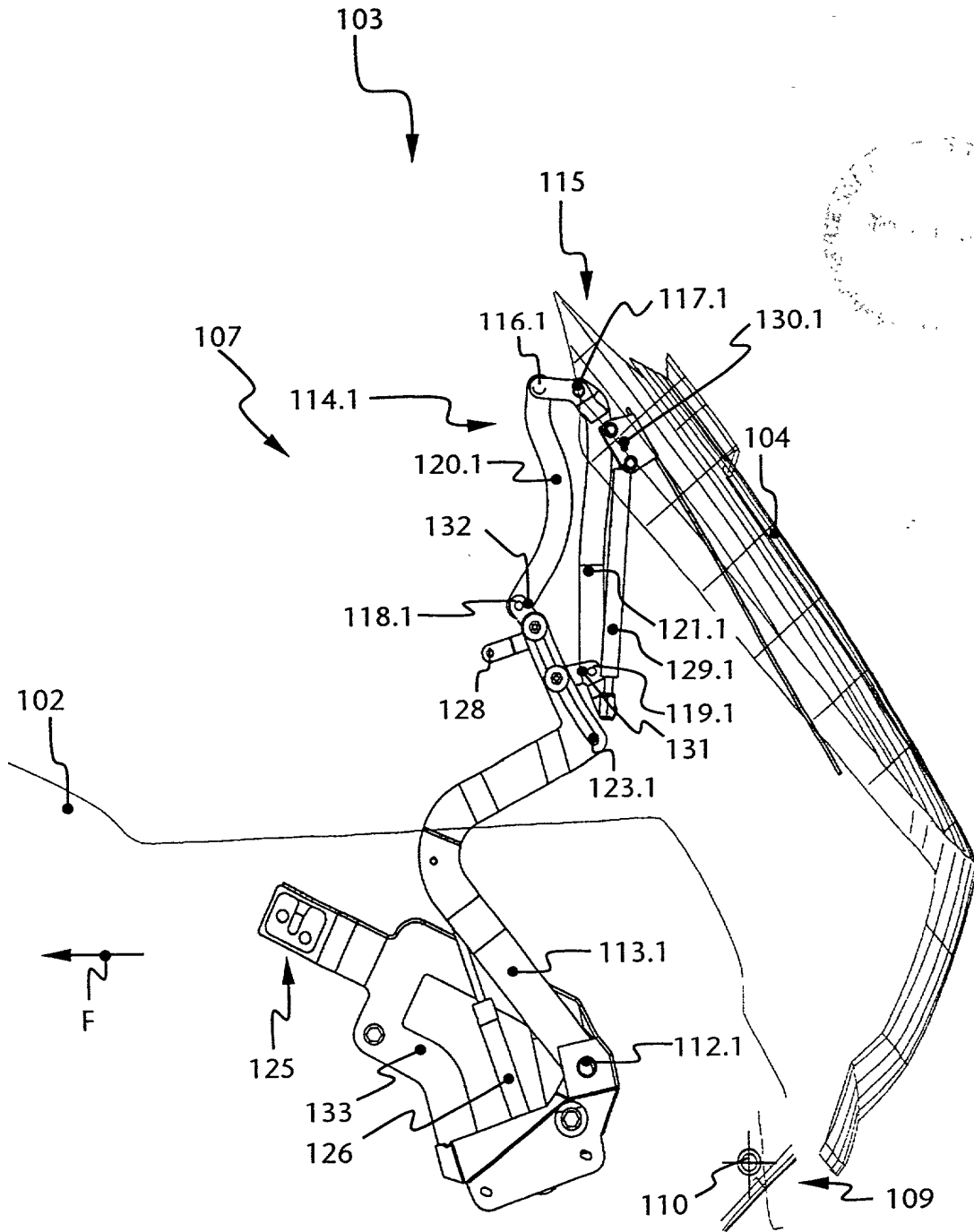


Fig. 19

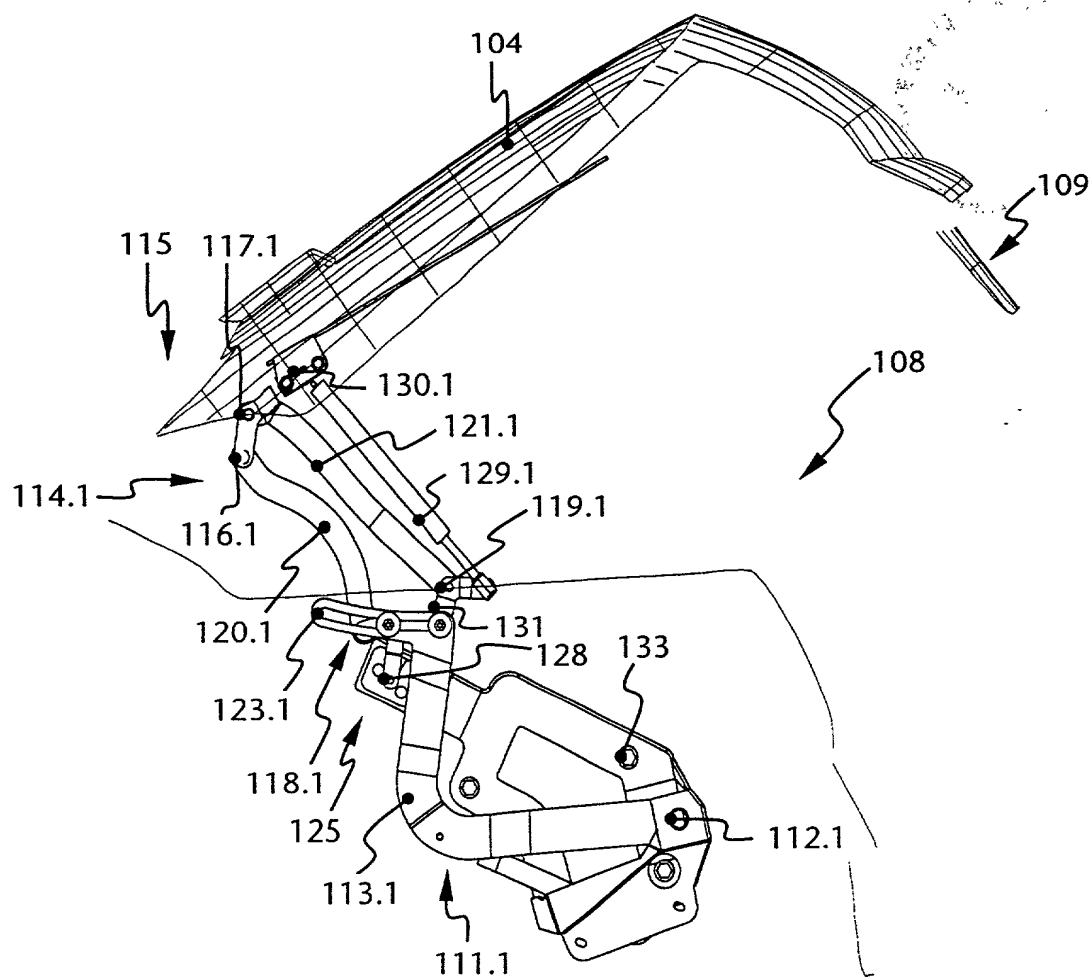


Fig. 20

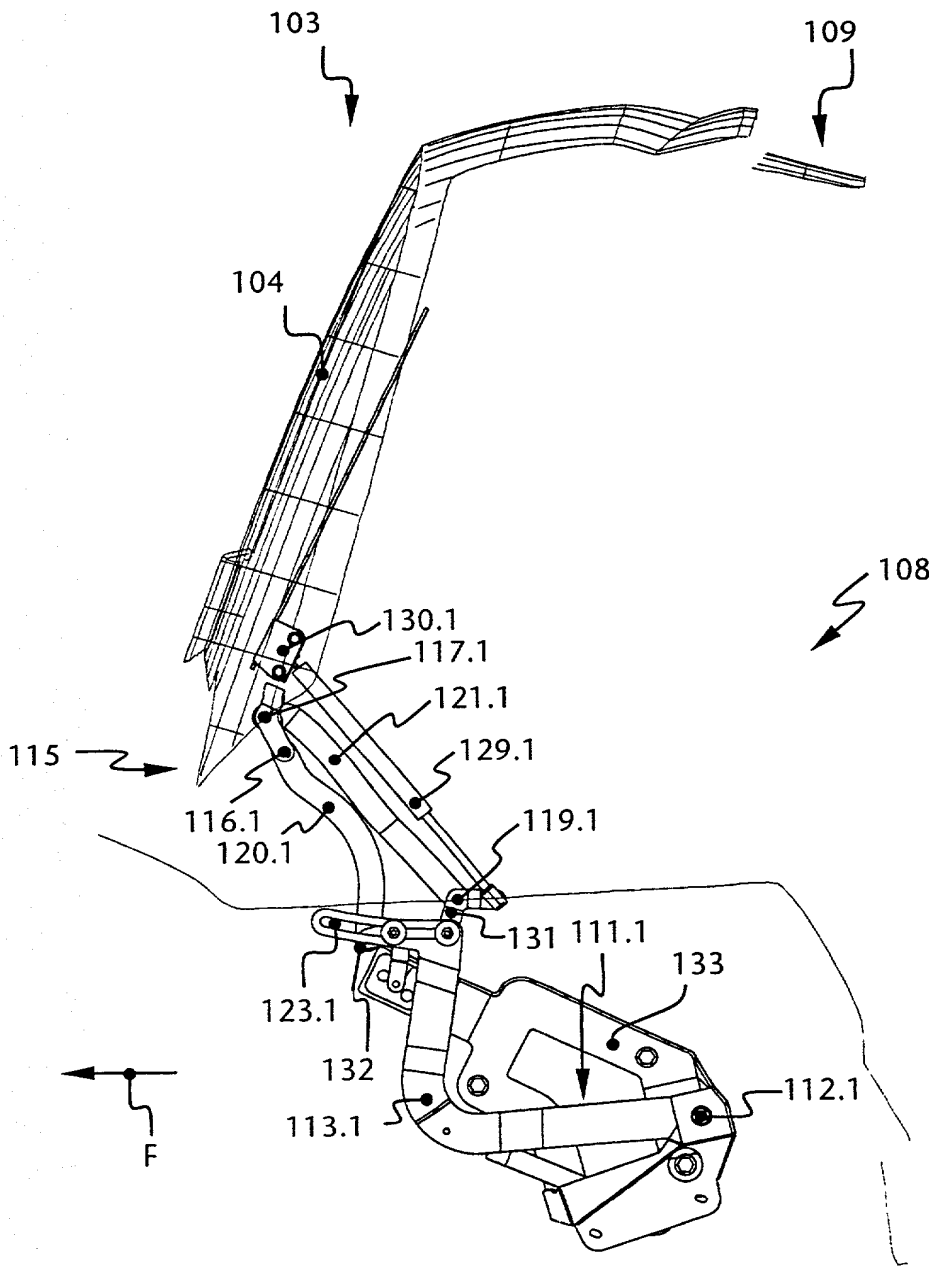
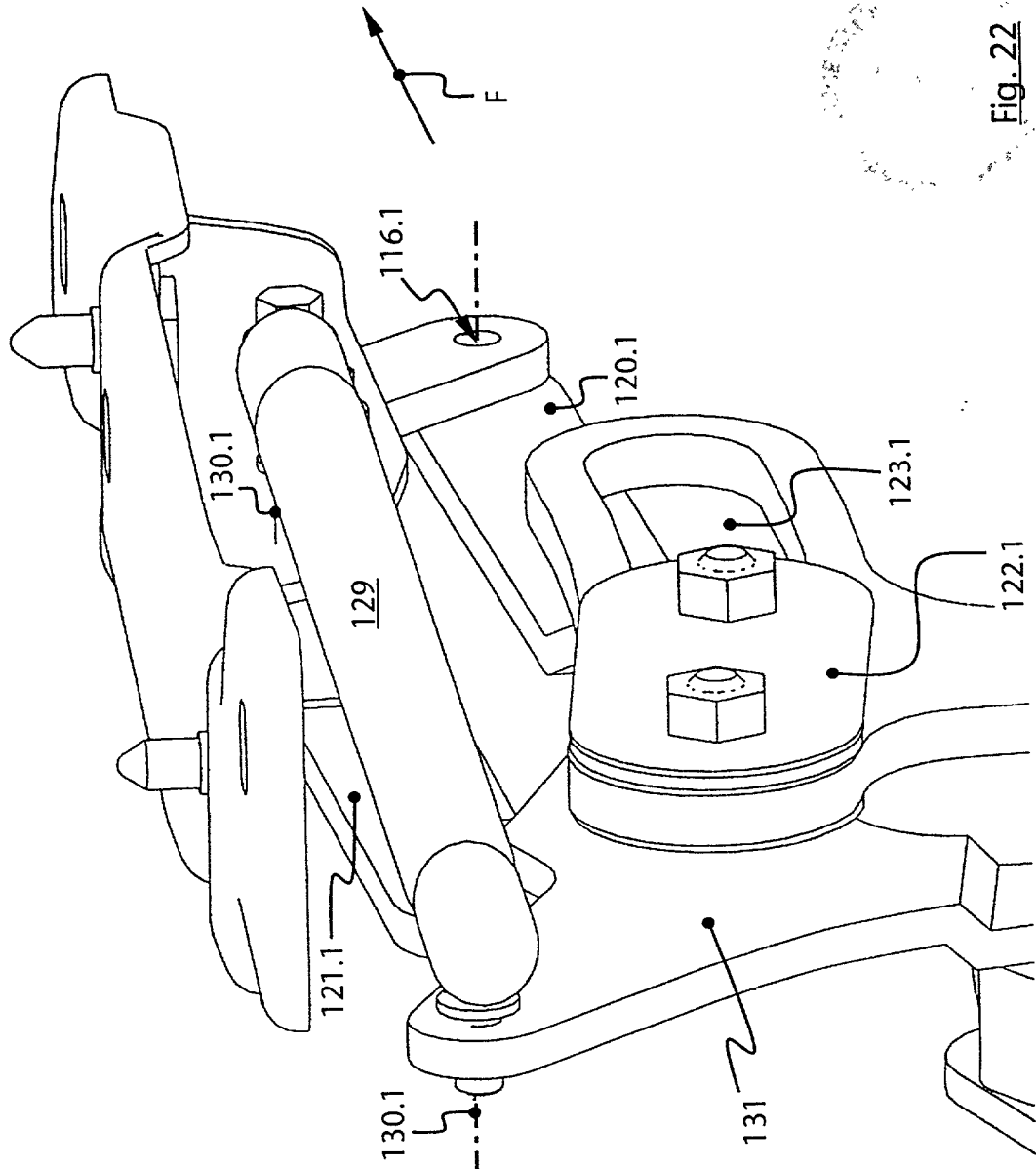


Fig. 21



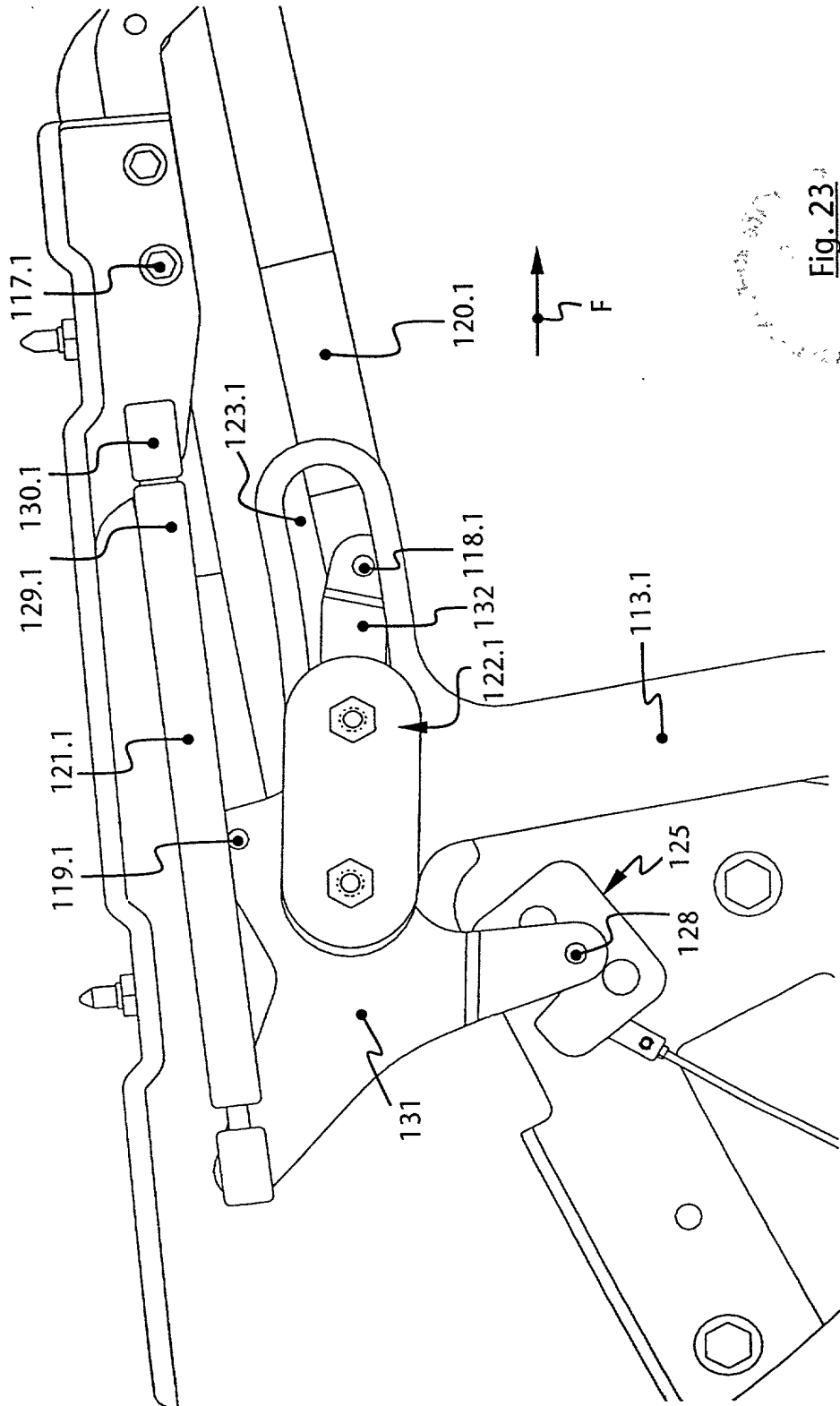


Fig. 23